



4x4 Gigabit Switch

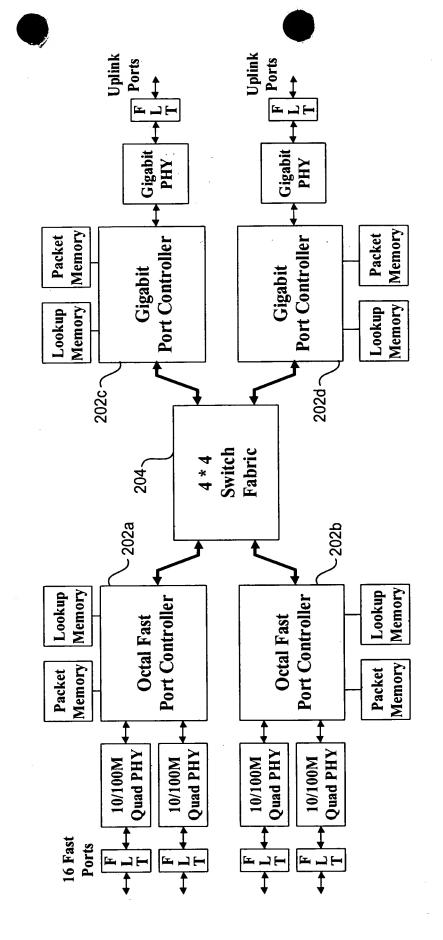


FIG. 2

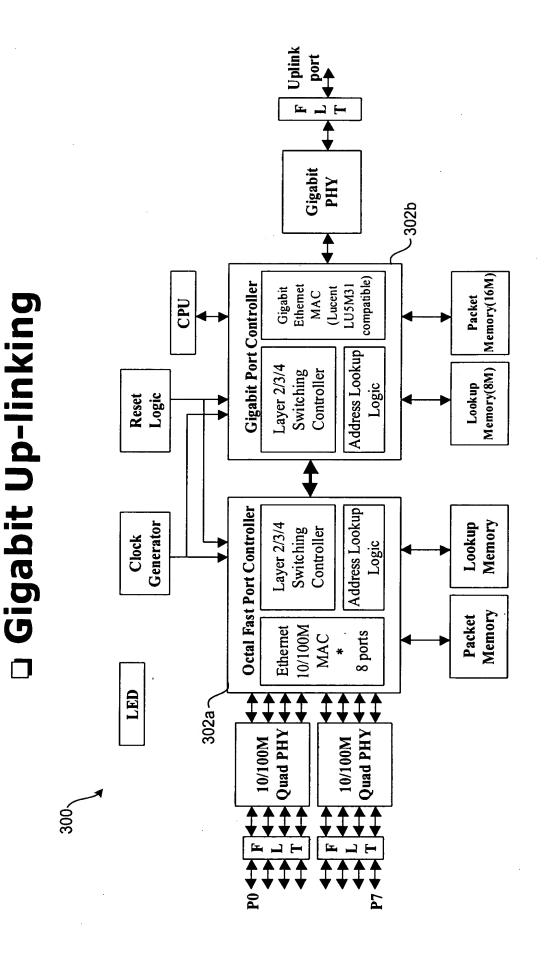


FIG. 3

1

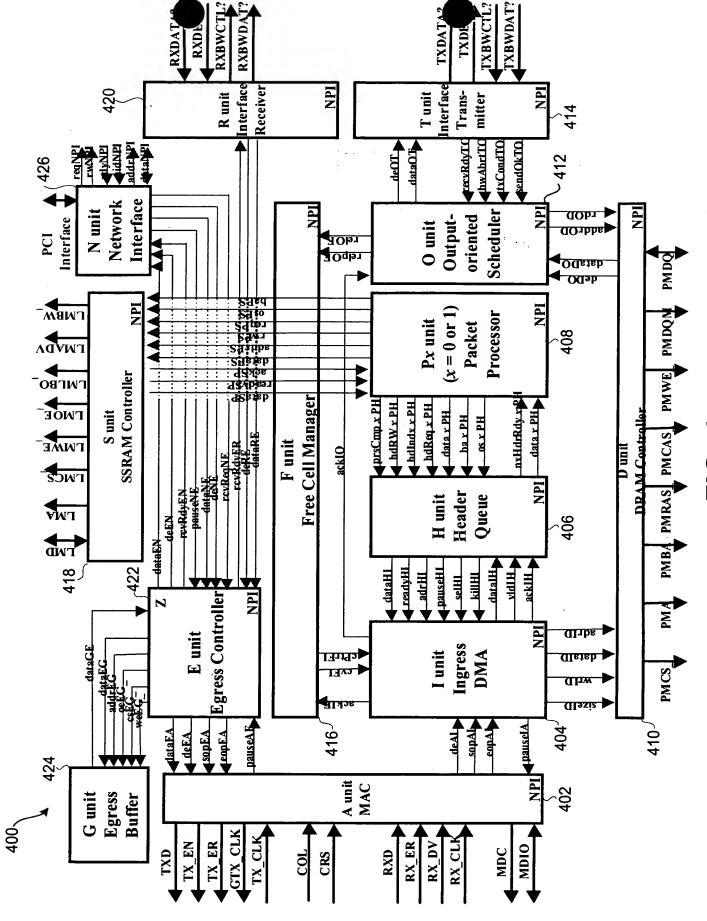


FIG. 4

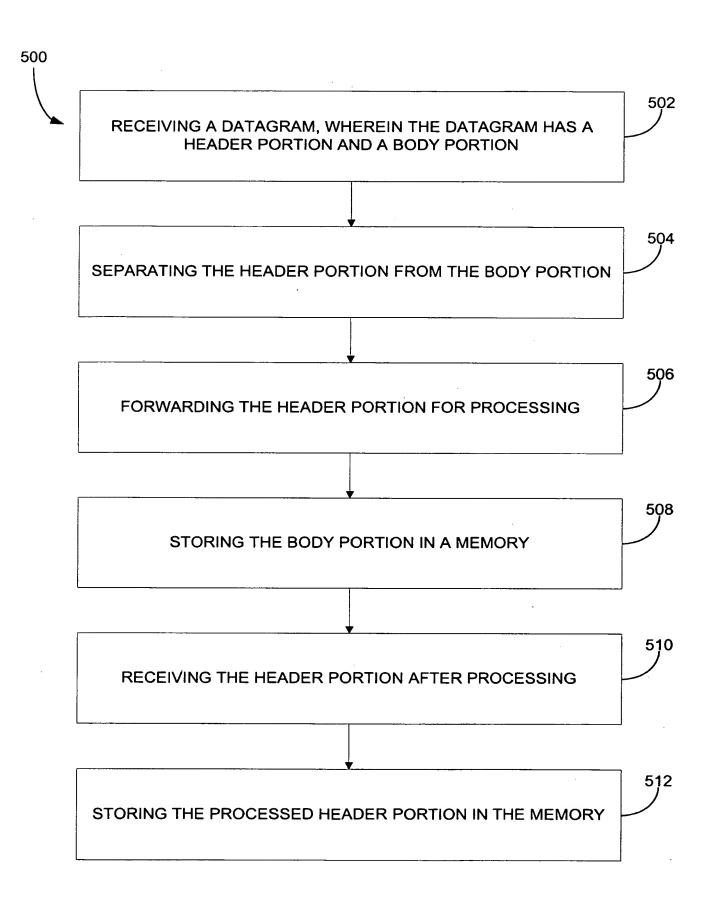
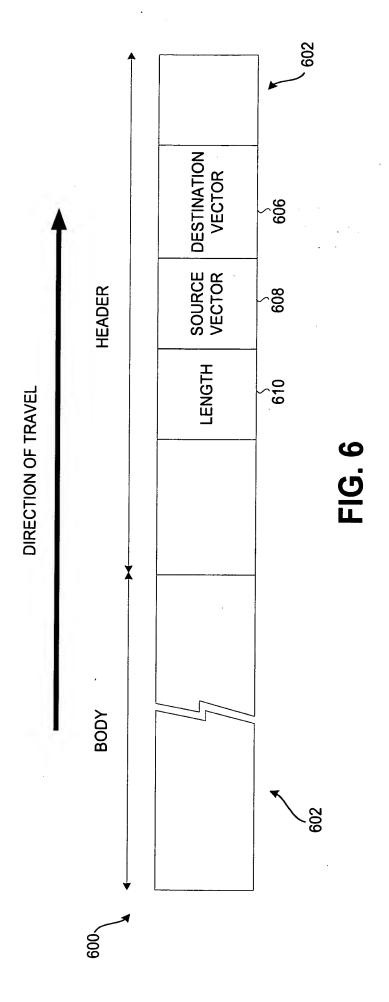


FIG. 5



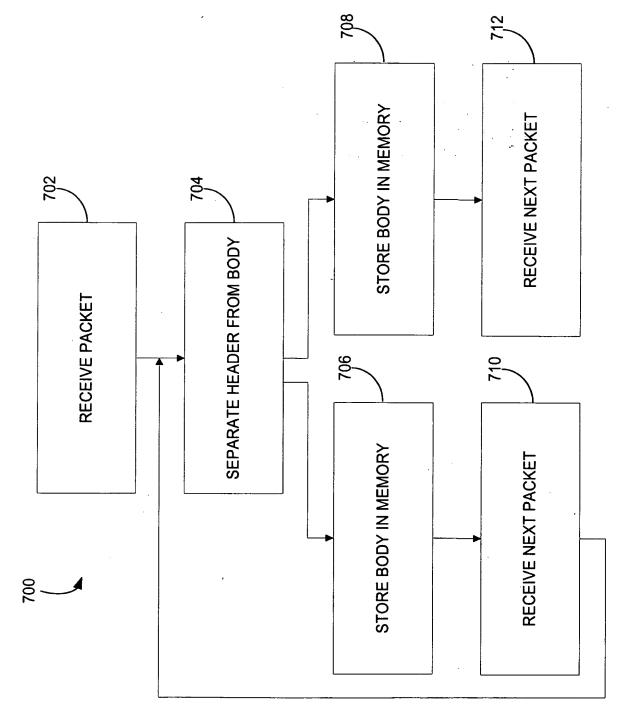
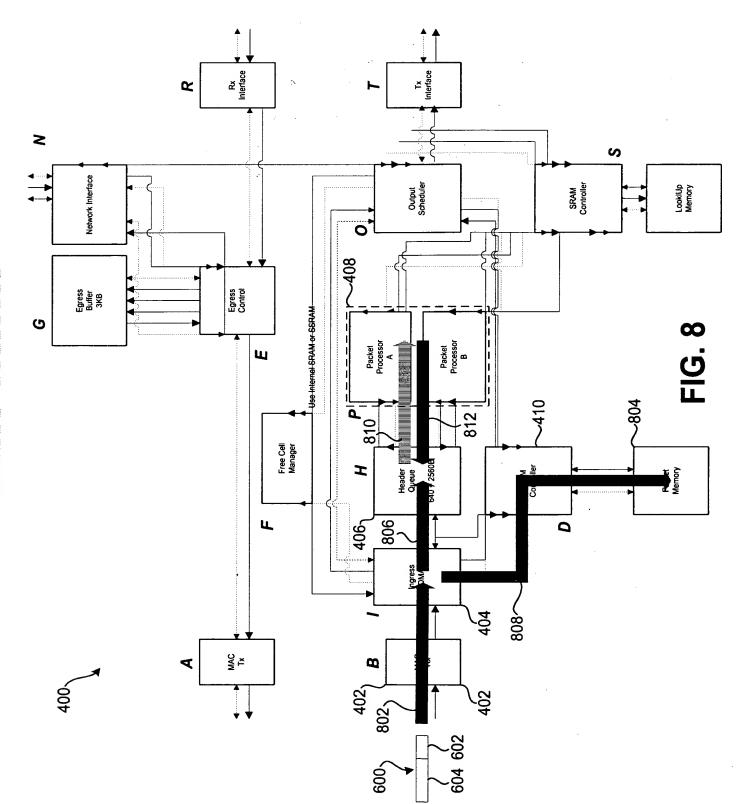
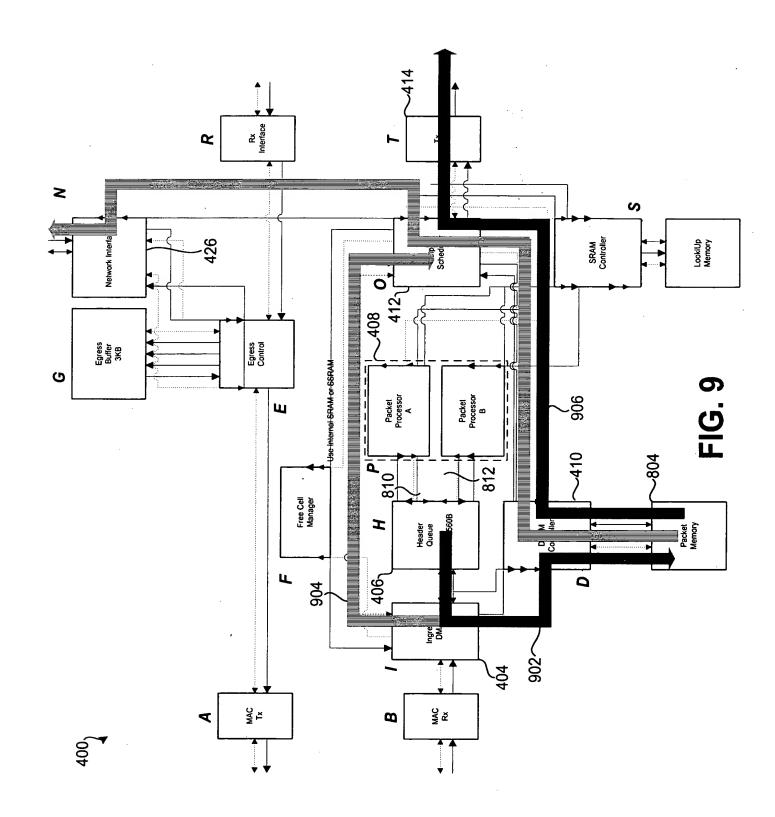


FIG. 7





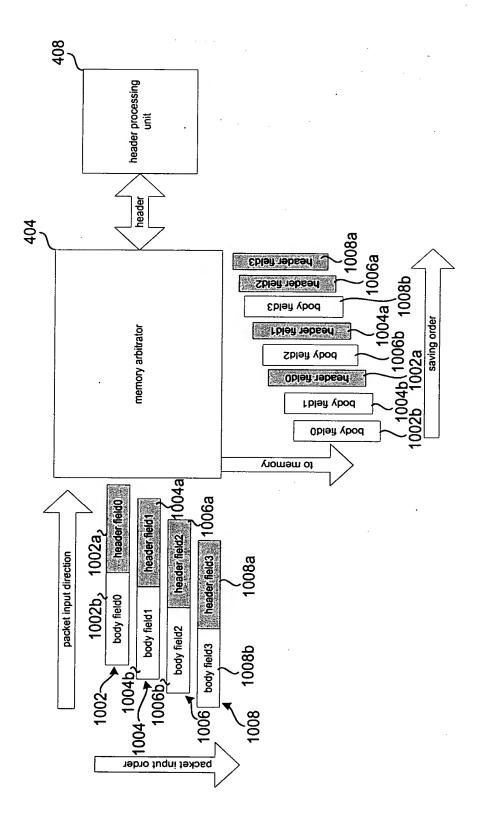


FIG. 10

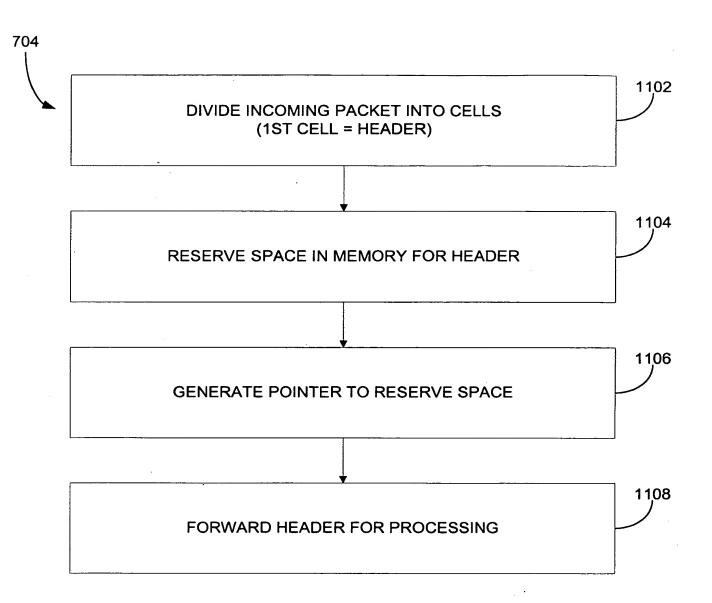


FIG. 11

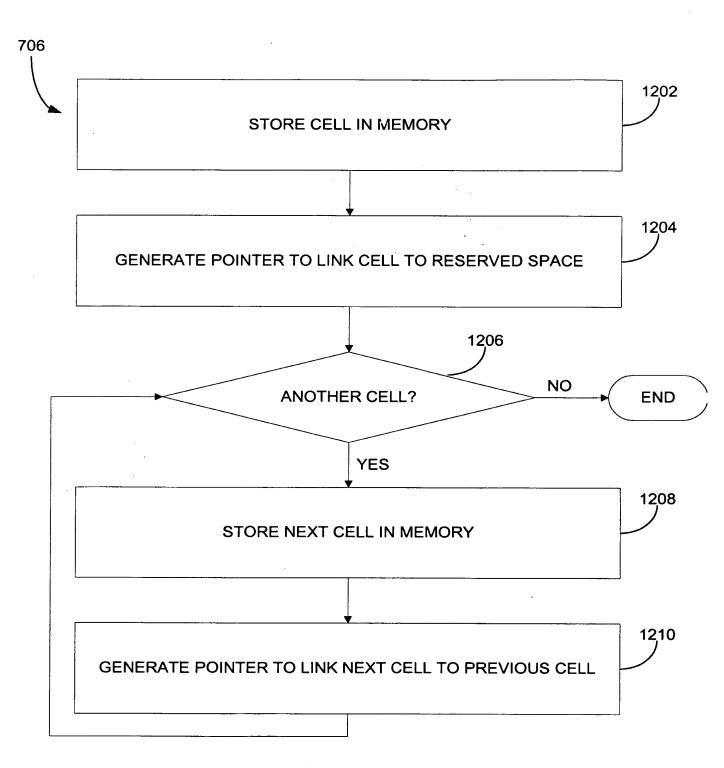


FIG. 12

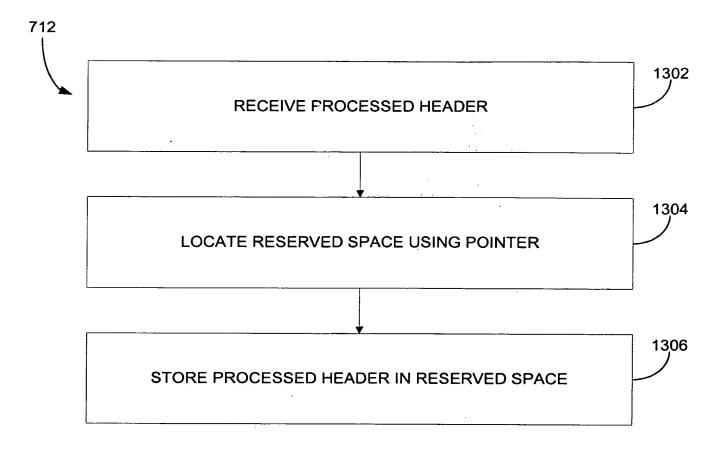


FIG. 13

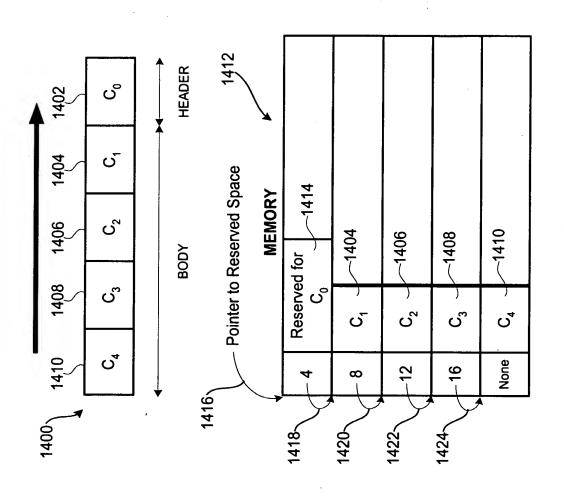


FIG. 14

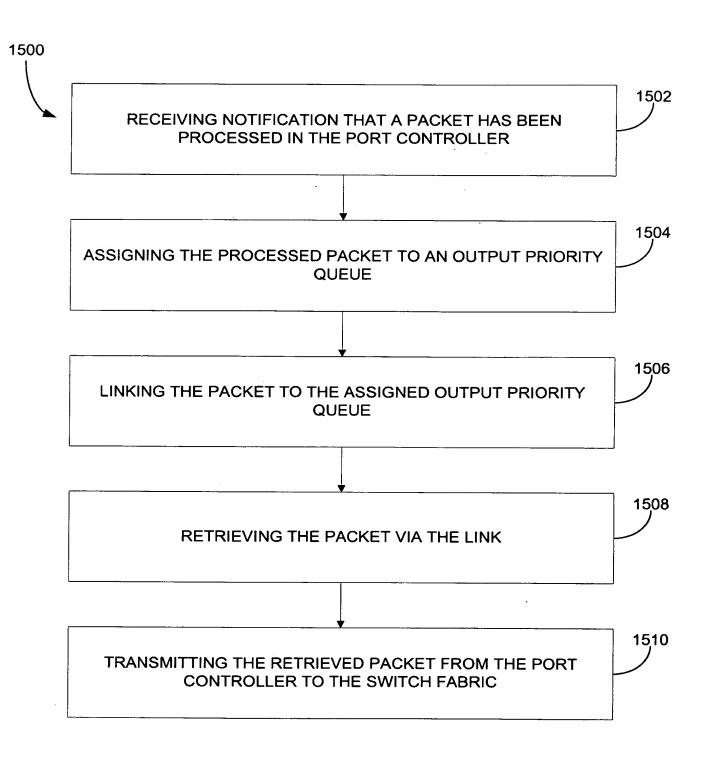


FIG. 15

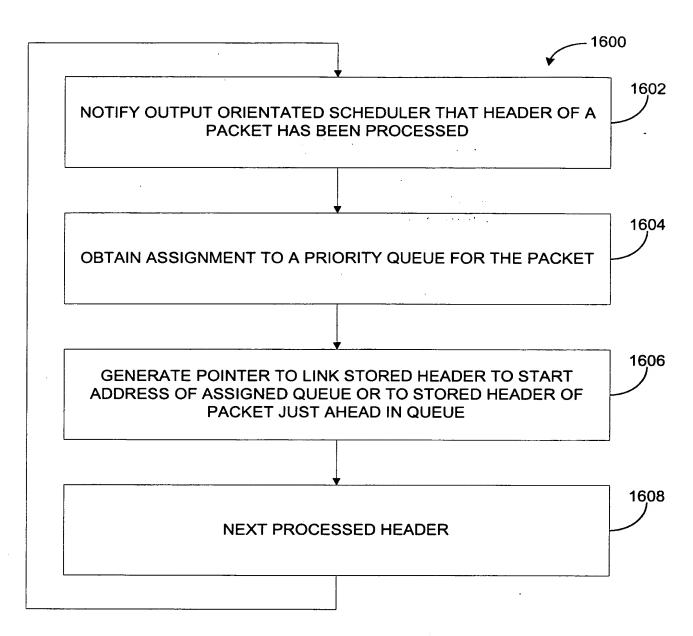


FIG. 16

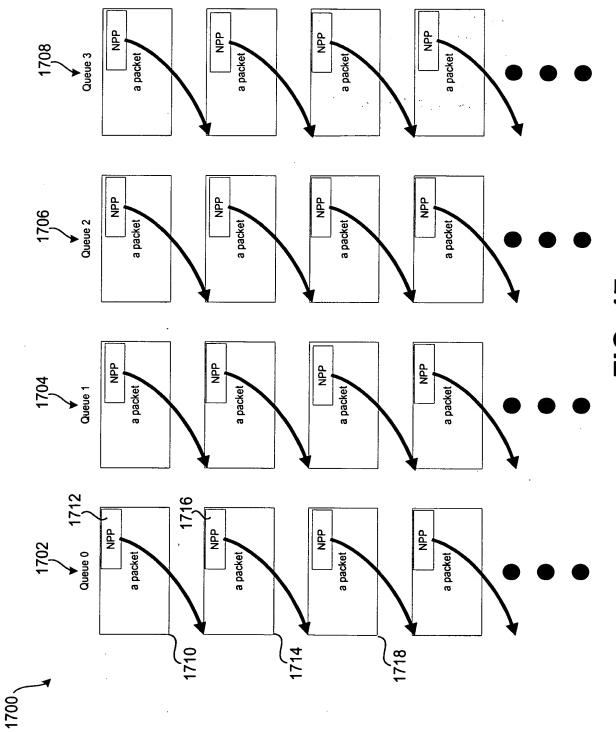


FIG. 17

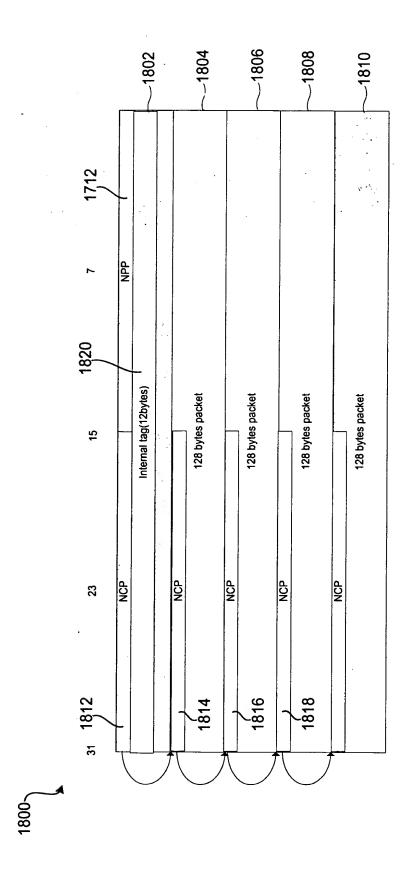
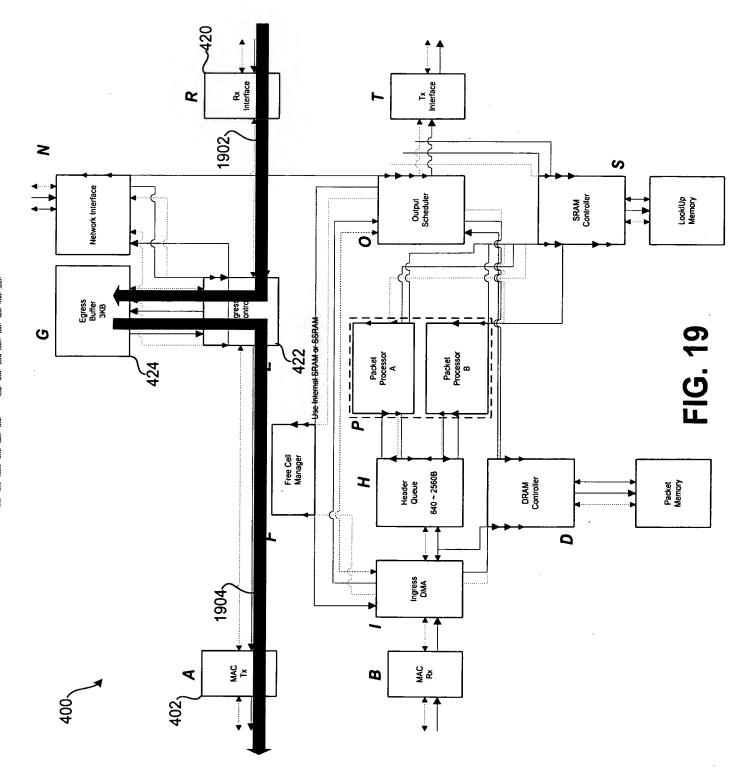
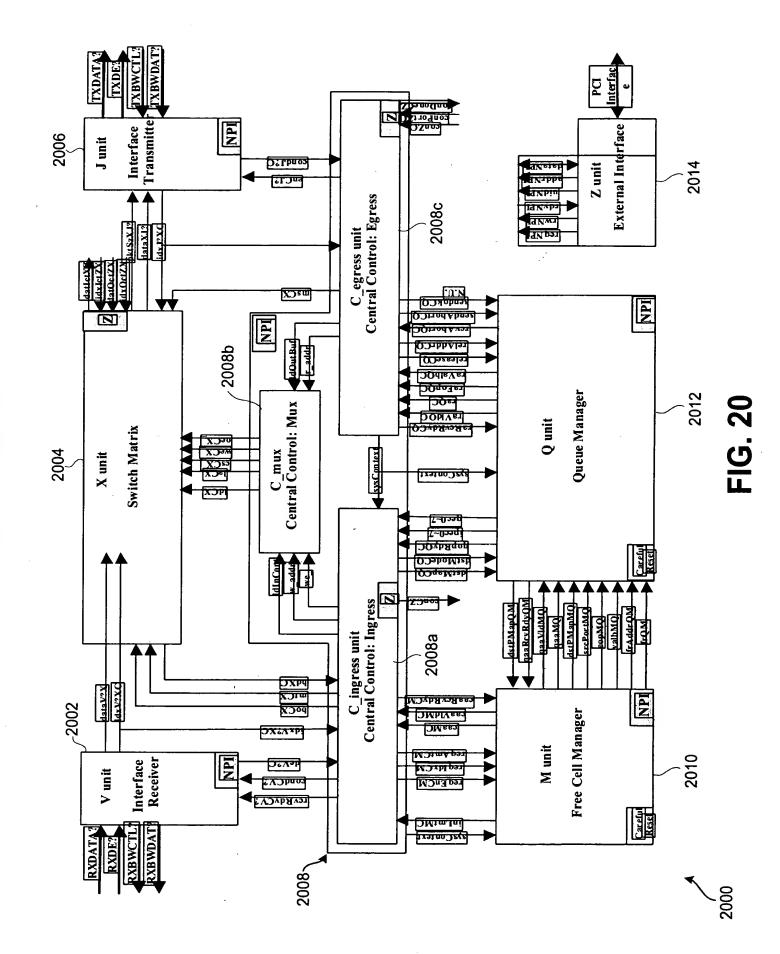


FIG. 18





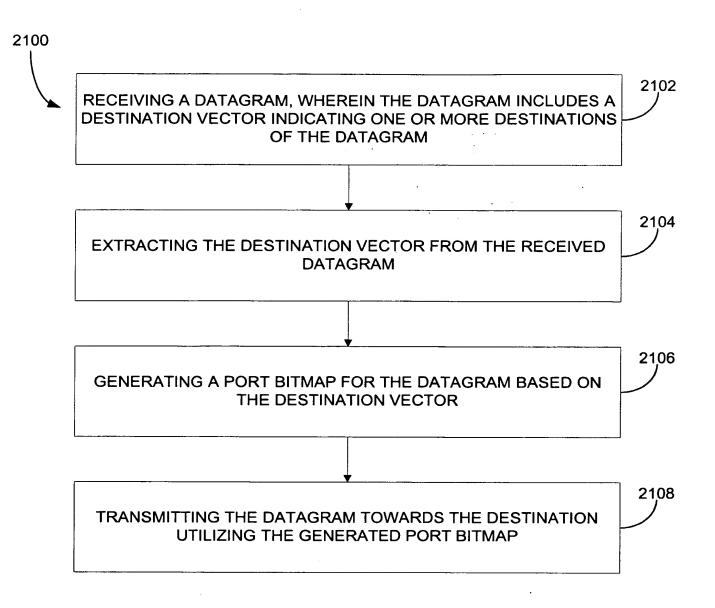
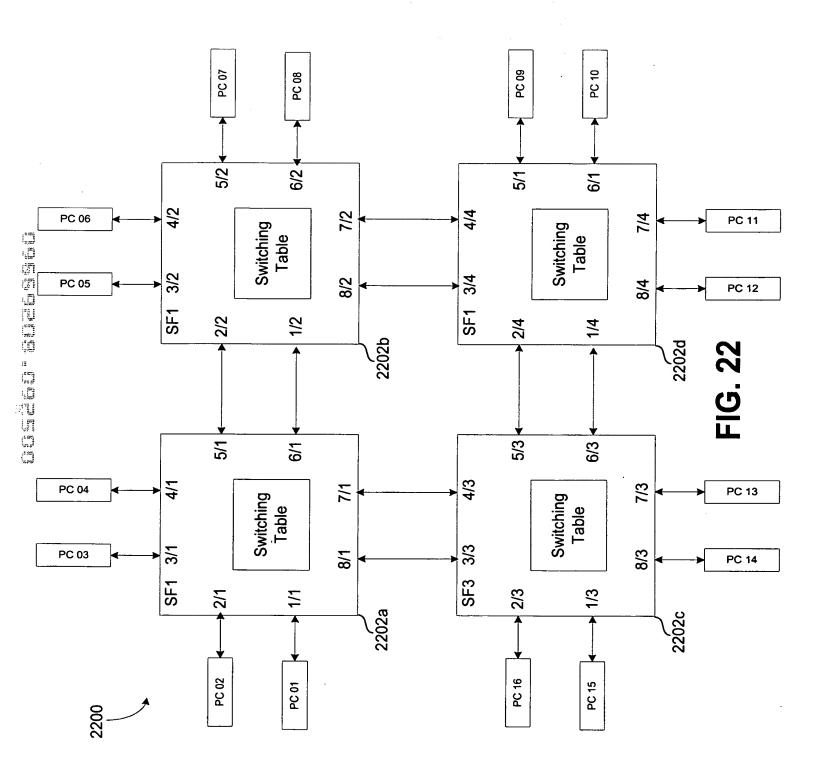


FIG. 21



	2302	\											
		32	0	0	0	0	0	0	0	0	1		
		3	0	0	0	0	0	0	0	0]		
		30	0	0	0	0	0	0	0	0			
		29	0	0	0	0	0	0	0	0]		
		78	0	0	0	0	0	0	0	0]		
		27	0	0	0	0	0	0	0	0			
		26	0	0	0	0	0	0	0	0			
		25	0	0	0	0	0	0	0	0			
		24	0	0	0	0	0	0	0	0			
		23	0	0	0	0	0	0	0	0			
		22	0	0	0	0	0	0	0	0			
щ		21	0	0	0	0	0	0	0	0			
SF1 SWITCHING TABLE		20	0	0	0	0	0	0	0	0	ļ		
7		19	0	0	0	0	0	0	0	0			_
9	DEVICE PORT	18	0	0	0	0	0	0	0	0			
Ī		4	0	0	0	0	0	0	0	0			
2		16	0	0	0	0	0	0	+-	-			
\geq		5	0	0	0	0	0	0	1	<u>-</u>			Ī
S		4	0	0	0	0	0	0	1	_	İ		
Ж		13	0	0	0	0	0	0	-	_			
0,		12	0	0	0	0	0	0	1	-			
		11	0	0	0	0	0	0	1	1]		
		10	0	0	0	0	1	1	0	0			
		60	0	0	0	0	1	-	0	0			
		88	0.	0	0	0	1	7	0	0			
		07	0	0	0	0	1	1	0	0			
		90	0	0	0	0	1	7	0	0			
		93	0	0	0	0	1	-	0	0			
		8	0	0	0	1	0	0	0	0			
		03	0	0	-	0	0	0	0	0			
^		05	0	-	0	0	0	0	0	0			
√ \	4	5	-	0	0	0	0	0	0	0			
230			1/1	2/1			5/1 5/1		7/1	8/1	1	_	2304
												-	

FIG. 23

SF2 SWITCHING TABLE

2302												
(1)	32	6	0	<u>ا</u>	0	<u>-</u>	0	0		1		
	31 3	6	0	0	0	0	0	0	0	┨		
	30	6	0		6	6	6	╁	0	ł		•
	29 3	0	0	0	0	0	0	0	0	┨	٠	
	28 2	6	0	0	0	0	6	0	0	ł		
	27 2	6	0	0	6	0	0	0	0	-		
	26 2	6	0	0	0	0	0	0	0	ł		
	25 2	6	0	0	0	\vdash	0	├—	┢	ł		
	24 2	6	10	0	0	0	0	0	0	ł		
	23 2	6	0	0	0	0	0	0	0			
	22 2	6	0	0	0	0	0	0	0			
	21 2	5	0	0	0	0	0	0	0	ł		
	20 7	6	0	0	0	0	0	0	0	ł		
•	19	6	0	0	0	0	0	0	0			
ь	18	0	0	0	0	0	0	0	0			7
Son	17 1	0	0	0	0	0	0	0	0	1		C
븼	16 1	F	-	0	0	0	0	0) 0	l		e i
DEVICE PORT	15 1	H		0	0	0	0	0	0			7C 513
	14	-	0	0	0	0	0	<u> </u>	1 (Ц
	13 1	0	0	0	0	0	0	Ė	_			
	12 1	<u> </u>	0	0	0	0	0	1 1	1 1			
	-	0	0	0	0	0	0	1	1			
	5	0) 0	0	0	0	0	_	· -			
	09	0	0	0	0	0	0		_			
	80	<u> </u>	0	0	0	0	1 (0	0			
	0	0-0	0	0	0	-	. 0	0	0 (
	90	0	0	0		0	0	0	0			
	05 (0	0 (1 (0	0	0	0	0 (
	04	1	1 (. 0	0	0 (0) 0	0 (
	03 0			0 (0 (0	0	0	0			
	02 0	_	1) 0	0 (0	0 () 0	0			
	01 0		_					0				
ℐ	ا °			0	0	0	0		0			
		1/2	2/2	3/2	4/2	5/5	6/2	7/2	8/2	1		8
	TAO9 32											

FIG. 24

		22 23 24 25 26 27 28 29 30 31 32	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	
SF3 SWITCHING TABLE		19 20 21	0 0	0 0 0	0 0 0	0 0	0 0	0 0 0	0 0	0 0	
NG	DEVICE PORT	17 18	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
픙	Ä	16 1	0	1 [0	0	0	0	0	0	1
Ĕ	Š	15 1	-	. 0	0	0	0	0	0	0	1
Š	۵	4	0	0	0	0	0) 0	0	1	
F3		13	0	0	0	0	0	0	1 (0	
ഗ		12	0	0	0	0	1	1	0	0	Í
		Ξ	0	0	0	0	1	1	0	0	
		9	0	0	0	0	1	1	0		
		8	0	0	0	0	1	1	0	0	
		8	0	0	0	0	1	1	0	0	
		20	0	0	0	0	1	1	0	0	
		90	0	0	1	1	0	0	0	0	
		92	0	0	1	1	0	0	0	0	
		8	0	0	1	1	0	0	0	0	İ
		83	0	0	-	-	0	0	0	0	
		05	0	0	1	1	0	0	0	0	<u> </u>
4	1	5	0	0	1	1.	0	0	0	0	
250	V		1/3	2/3	3/3	4/3	2/3	6/3	7/3	8/3	

FIG. 25

	2302	7											
		32	0	0	0	0	0.	0	0	0]		
		સ	0	0	0	0	0	0	0	0	1		
		8	0	0	0	0	0	0	0	0	1		
		53	0	0	0	0	0	0		0			
		78	0	0	0	0	0	0	0	0			
		27	0	0	0	0	0	0	0	0			~
		26	0	0	0	0	0	0	0	0			
		25	0	0	0	0	0	0	0	0			
		24	0	0	0	0	0	0	0	0	Ì		
		23	0	0	0	0	0	0	0	0			
		22	0	0	0	0	0	0	0	0			
ш		21	0	0	0	0	0	0	0	0			
В		20	0	0	0	0	0	0	0	0			
SF4 SWITCHING TABLE		19	0	0	0	0	0	0	0	0			
	RT	18	0	0	0	0	0	0	0	0			7
$\stackrel{\leq}{=}$	PC	16 17	0	0	0	0	0	0	0	0			
$\overline{\Sigma}$	DEVICE PORT		1	ŀ	0	0	0	0	0	0			26 213
፟≶	DE	5	1	l	0	0	0	0	0	0			ī
S		4	-	l	0	0	0	0	0	0			
šF4		13	1	į	0	0	0	0	0	0			
0)		12	0	0	0	0	0	0	0	1			
		Ŧ	0	0	0	0	0	0	1	0			
•		5	0	0	0	0	0	1	0	0			
		60	0	0	0	0	1	0	0	0			
		88	0,	0	1	1	0	0	0	0			
		04	0	0	1	1	0	0	0	0			
		9	0	0	1	1	0	0	0	0			
		02	0	0	-	1	0	0	0	0			
		8	0	0	1	1	0	0	0	0			
		83	0	0	-	-	0	0	0	0			
	_	05	1	7	0	0	0	0	0	0			
	\	10	_	-	0	0	0	0	0	0			
260(<i>C</i>		1/4	2/4	3/4	4/4	5/4	6/4	7/4	8/4		_	2304
					T	OE.	4 4S	3					7

FIG. 26

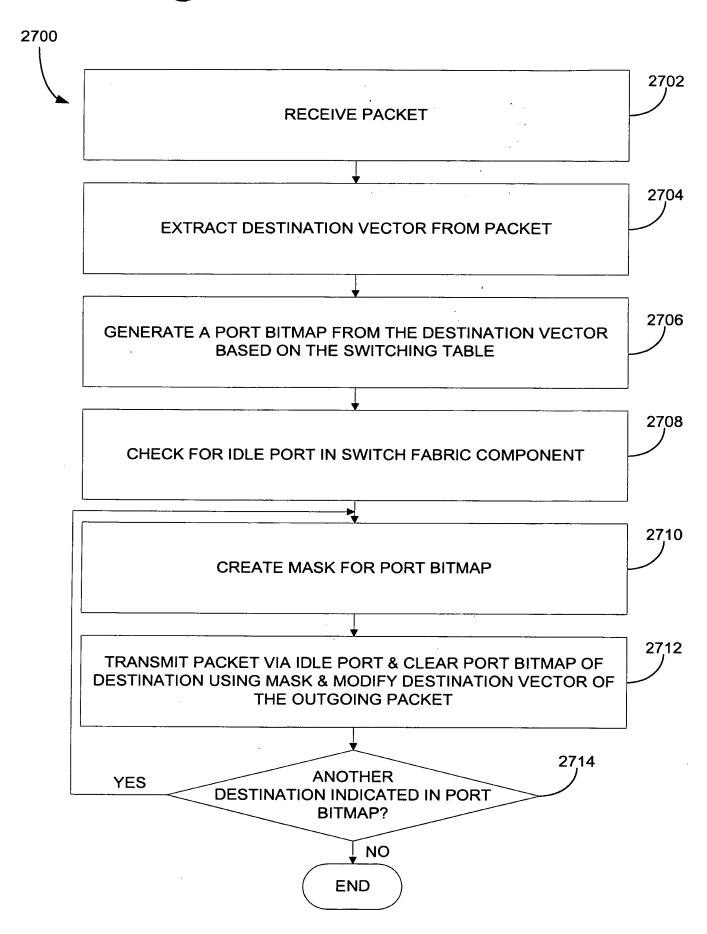


FiG. 27

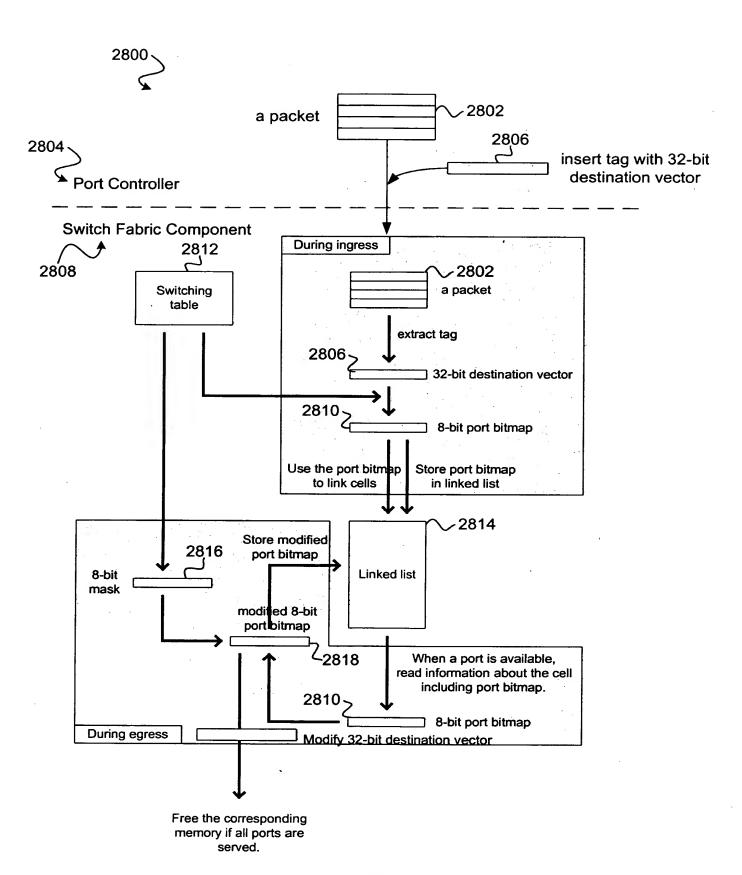


FIG. 28

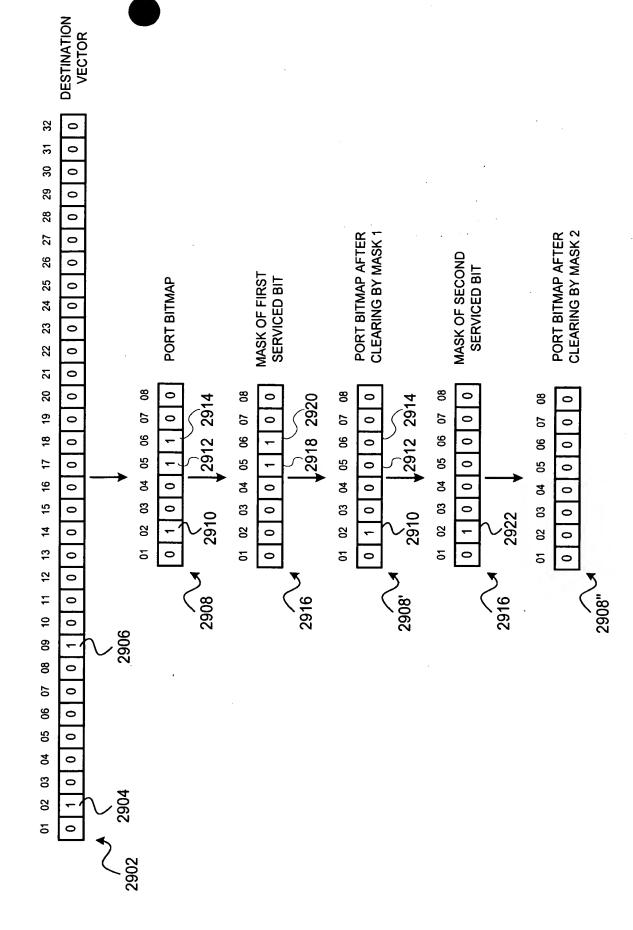
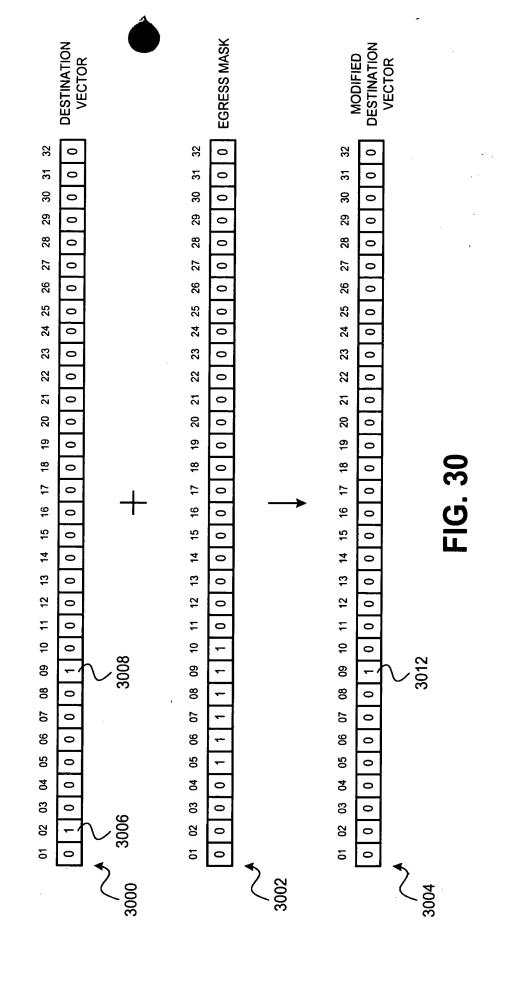


FIG. 29





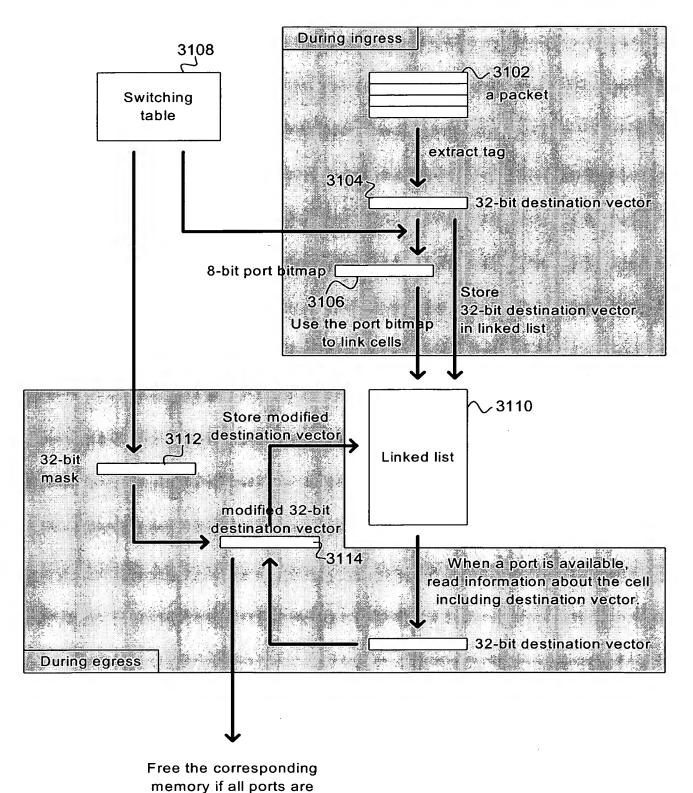


FIG. 31

served.

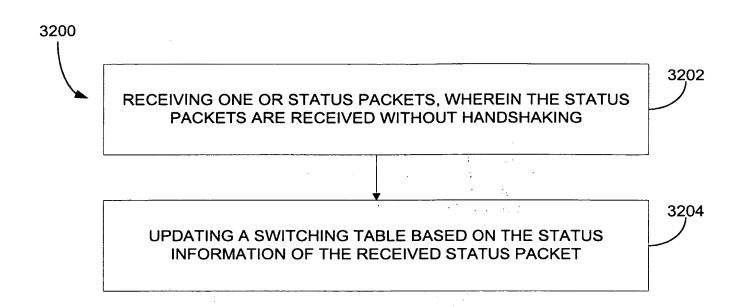


FIG. 32

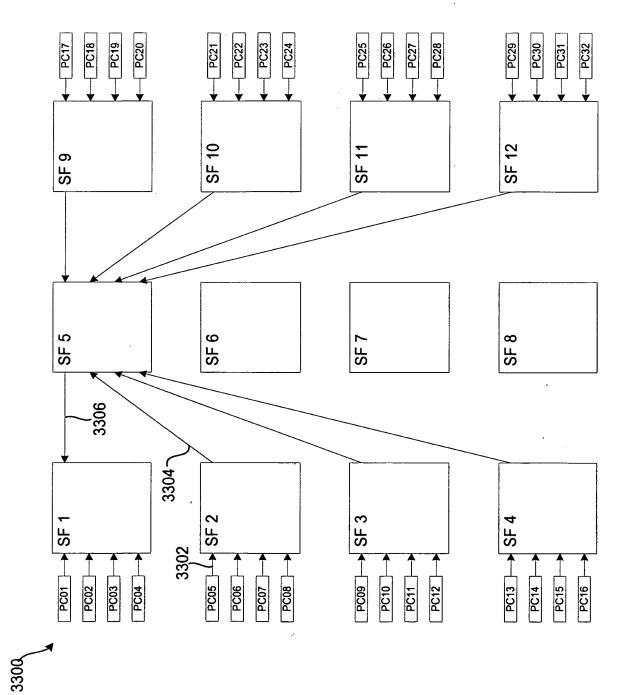
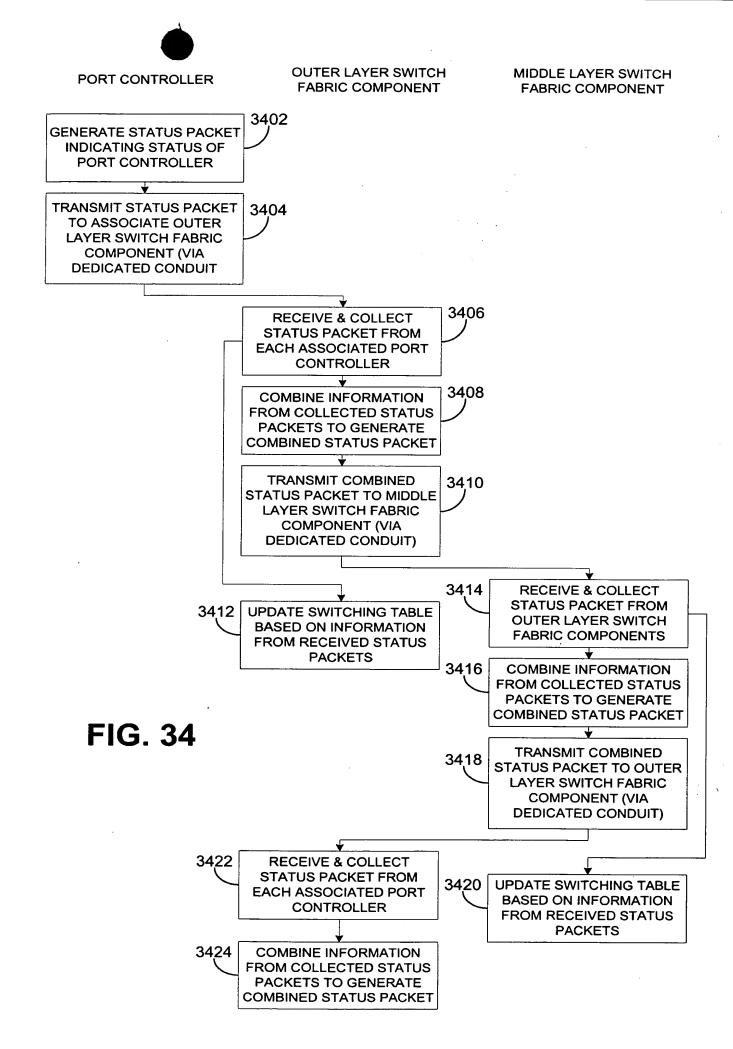


FIG. 33



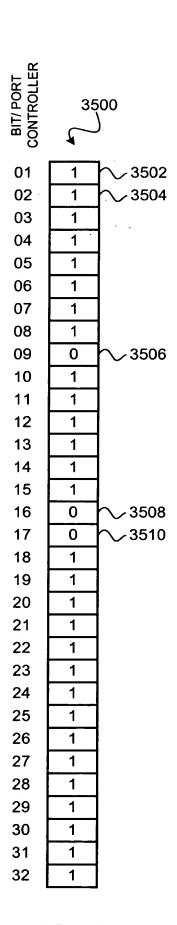


FIG. 35

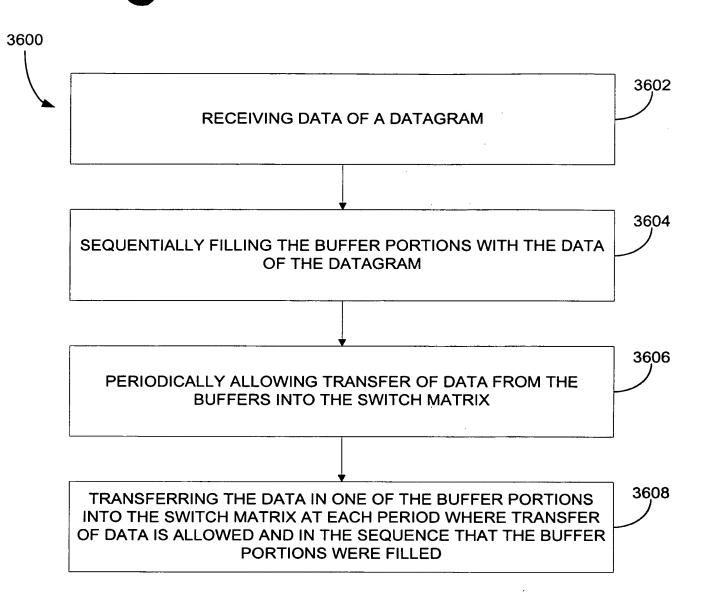


FIG. 36

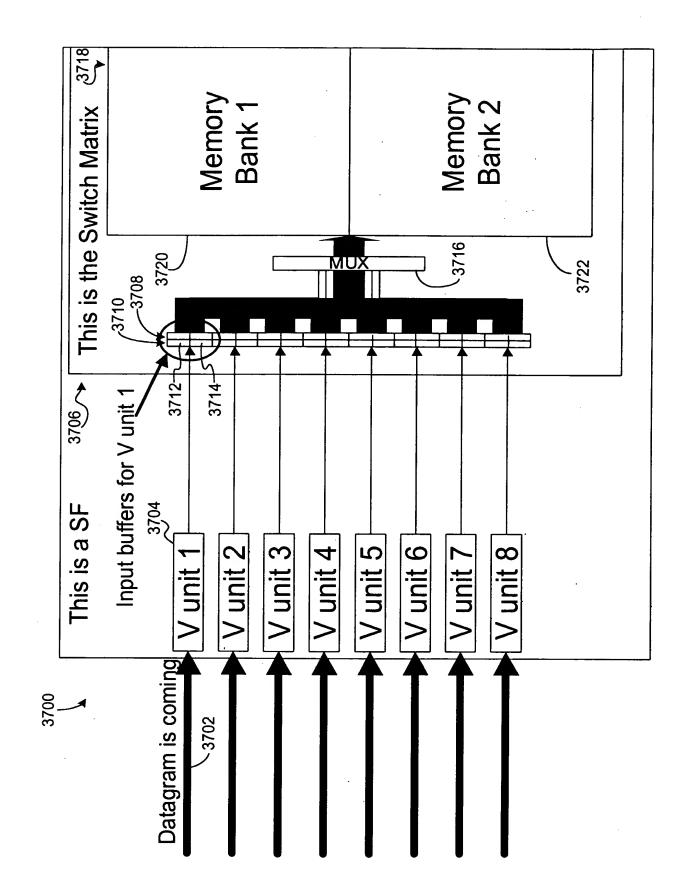


FIG. 37

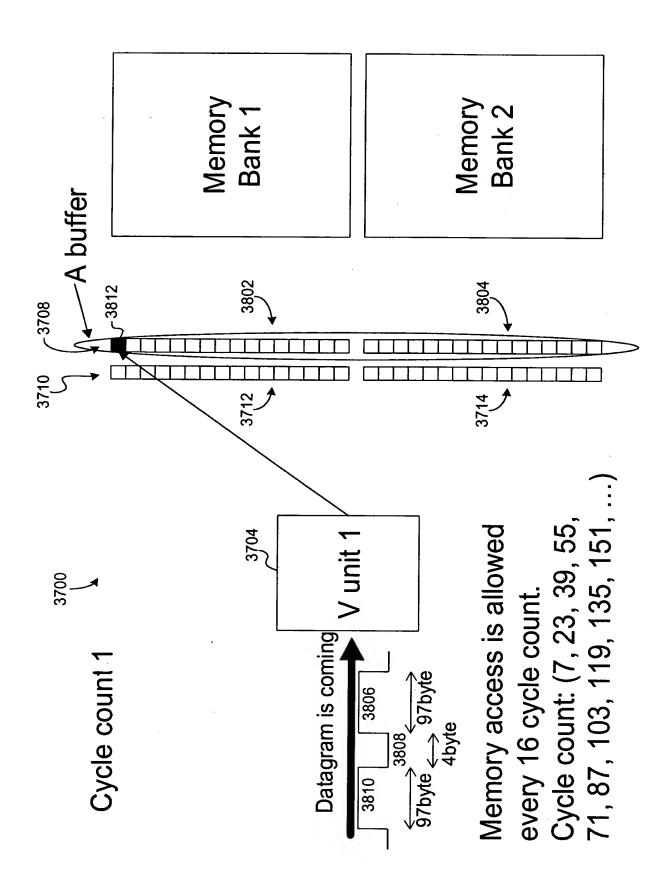


FIG. 38

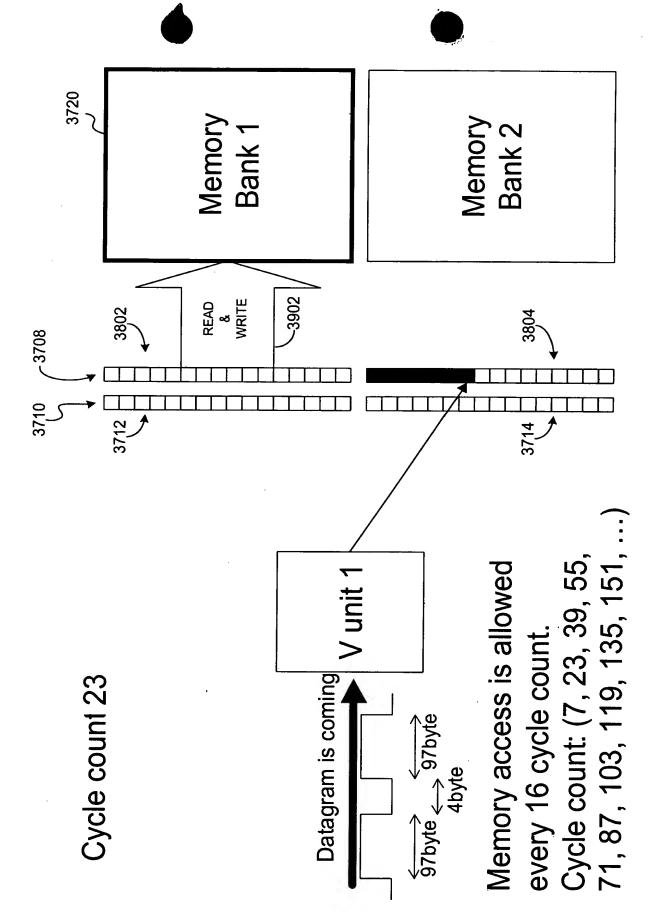


FIG. 39

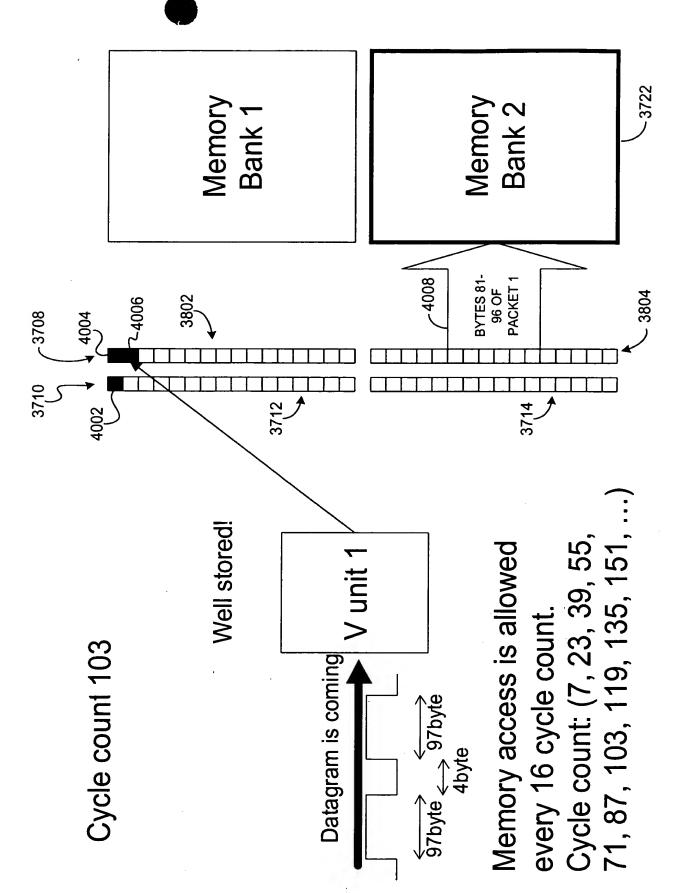


FIG. 40

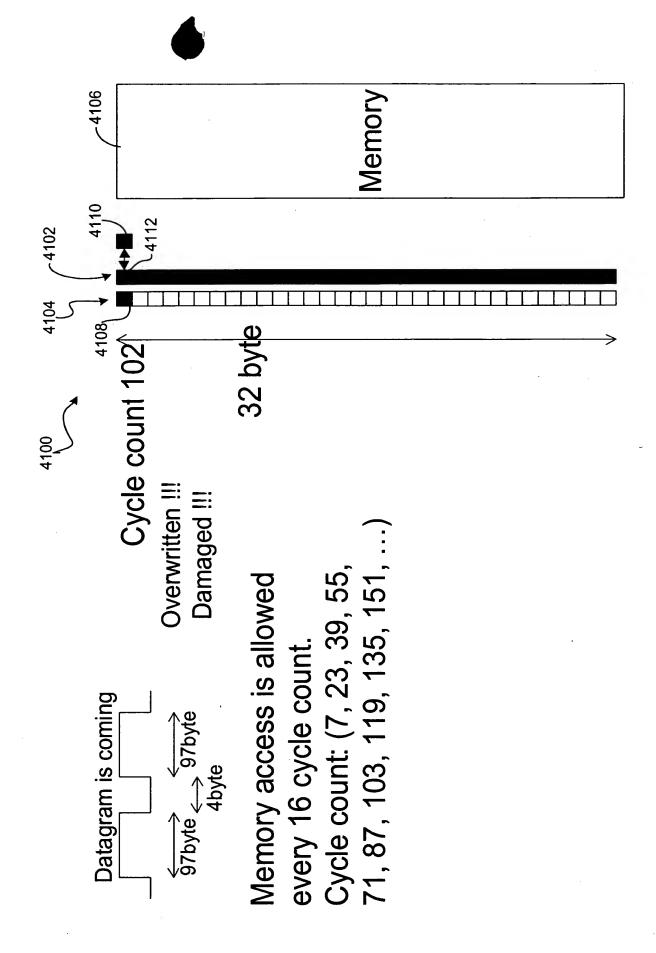


FIG. 41

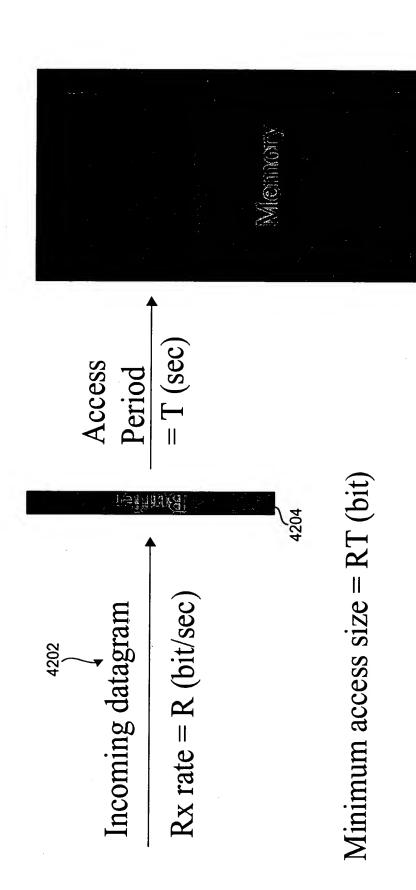


FIG. 42

Sufficient access size = 2RT (bit)

to care for variable size packets

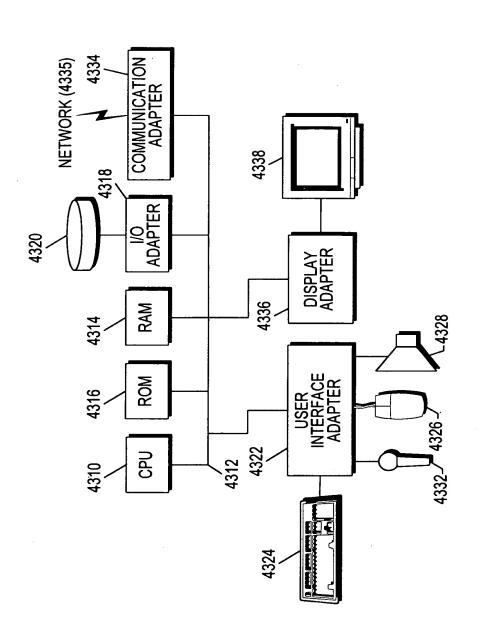


FIG. 43